

TOKENLESS BIOMETRIC ELECTRONIC
FINANCIAL TRANSACTIONS VIA A THIRD PARTY IDENTICATOR

ABSTRACT

5 The invention provides a method and device for tokenless authorization of
an electronic payment between a payor and a payee using an electronic third party
identicator and at least one payor bid biometric sample. In a payor registration step,
the payor registers with an electronic third party identicator at least one registration
biometric sample, and at least one payor financial account identifier. The payee
10 registers a payee identification data with the electronic third party identicator. A
payee bid identification data and a payor bid biometric sample collected from the
payor's person are electronically forwarded to the third party electronic identicator.
A comparator engine compares the bid biometric sample with at least one registered
biometric sample for producing either a successful or failed identification of the
15 payor. The comparator engine also compares the payee's bid identification data
with a payee's registered identification data for producing either a successful or
failed identification of the payee. Once the electronic third-party identicator
successfully identifies the payor and payee, the identicator electronically forwards
at least one payor financial account identifier to the payee. An electronic financial
20 transaction is then formed between the payor and payee, comprising a transaction
amount and a payor financial account identifier. This transaction is then
electronically forwarded to a financial transaction processor for authorization.